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UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL RESEARCH SERVICE

Tables on Hatchery and Flock Participation in the
National Turkey Improvement Plan
by States and Divisions, 1962-63 and 1963-64 and
U. S. Summary 1958-59 to date



HIGHLIGHTS

The average egg capacity of participating hatcheries, about 148,000 in 1963-64 as compared to 134,000 the previous year, is consistent with the trend toward fewer and larger hatcheries. There were 349 hatcheries participating in 1963-64 compared to 400 the previous year, while the total egg capacity dropped from 53.5 million to 51.6 million. The number of participating hatcheries decreased in all regions and the egg capacity decreased in all regions except the South Atlantic and South Central regions.

The number of birds in participating flocks decreased 2.3 percent, from 3.83 million to 3.75 million. The North Atlantic and South Atlantic regions showed increases, while all other regions showed decreases. The average number of birds per flock increased slightly to 1,755 while the 2,135 flocks participating were the smallest number for any year since the National Turkey Improvement Plan was established in 1943.

The percentage of reactors to the pullorum-typhoid test in 1963-64 was slightly greater than in the previous year. A similar increase also occurred in 1961-62.

Table 1 - Hatchery Participation in the National Turkey Improvement Plan,
by States and Divisions, 1962-63 and 1963-64

State and Division	1962-63		1963-64	
	Number	Egg Capacity	Number	Egg Capacity
Maine	---	---	---	---
New Hampshire	5	100,000	2	60,000
Vermont	1	35,000	---	---
Massachusetts	10	248,300	6	151,900
Rhode Island	---	---	1	8,820
Connecticut	9	190,020	8	176,500
New York	11	227,976	7	195,790
New Jersey	4	216,000	5	219,000
Pennsylvania	12	654,440	14	814,065
NORTH ATLANTIC	52	1,671,736	43	1,626,075
Ohio	23	2,690,393	22	2,784,603
Indiana	17	1,316,000	15	1,382,000
Illinois	11	863,552	9	844,590
Michigan	9	1,785,237	7	1,659,454
Wisconsin	4	1,075,000	3	966,000
EAST NORTH CENTRAL	64	7,730,182	56	7,636,647
Minnesota	41	7,936,143	38	7,187,384
Iowa	24	3,760,000	16	2,715,000
Missouri	24	2,901,450	18	2,547,100
North Dakota	5	695,468	4	405,468
South Dakota	2	171,000	2	171,000
Nebraska	8	620,806	7	568,356
Kansas	11	1,189,058	8	998,854
WEST NORTH CENTRAL	115	17,273,925	93	14,593,162
Delaware	---	---	---	---
Maryland	6	173,500	6	173,500
Virginia	10	3,486,915	8	3,214,848
West Virginia	1	64,800	1	64,800
North Carolina	10	1,262,706	12	2,623,329
South Carolina	6	560,000	3	240,000
Georgia	5	449,200	5	614,200
Florida	4	89,200	4	89,200
SOUTH ATLANTIC	42	6,086,321	39	7,019,877
Kentucky	2	1,380,000	2	1,380,000
Tennessee	---	---	---	---
Alabama	1	16,800	1	16,800
Mississippi	2	58,773	1	37,362
Arkansas	7	2,467,044	6	2,541,984
Louisiana	---	---	---	---
Oklahoma	15	1,240,628	14	1,258,628
Texas	18	1,934,198	20	2,455,478
SOUTH CENTRAL	45	7,097,443	44	7,690,252
Montana	---	---	---	---
Idaho	1	150,000	---	---
Wyoming	---	---	---	---
Colorado	3	446,900	3	446,900
New Mexico	---	---	---	---
Arizona	2	108,000	2	108,000
Utah	6	999,000	4	616,000
Washington	2	102,411	2	102,411
Oregon	16	2,274,342	15	2,049,342
California	52	9,602,703	48	9,708,029
WESTERN	82	13,683,356	74	13,030,682
UNITED STATES	400	53,542,963	349	51,596,695

Table 2 - Flock Participation in the National Turkey Improvement Plan
by States and Divisions, 1962-63 and 1963-64

State and Division	1962-63			1963-64		
	Flocks	Birds	Avg. Birds per flock	Flocks	Birds	Avg. Birds per flock
Maine	---	---	---	---	---	---
New Hampshire	6	7,062	1,177	6	15,899	2,650
Vermont	1	432	432	1	374	374
Massachusetts	12	11,161	930	14	11,710	836
Rhode Island	---	---	---	1	162	162
Connecticut	14	8,685	620	10	8,024	802
New York	13	14,515	1,117	12	11,184	932
New Jersey	5	8,574	1,715	7	5,731	819
Pennsylvania	14	22,069	1,576	11	24,857	2,260
NORTH ATLANTIC	65	72,498	1,115	62	77,941	1,257
Ohio	95	186,501	1,963	79	178,380	2,258
Indiana	36	57,090	1,586	25	65,983	2,639
Illinois	19	28,815	1,517	21	24,639	1,173
Michigan	60	96,097	1,602	59	93,767	1,589
Wisconsin	112	142,145	1,269	125	125,800	1,006
EAST NORTH CENTRAL	322	510,648	1,586	309	488,569	1,581
Minnesota	541	708,055	1,309	548	702,258	1,281
Iowa	114	160,541	1,408	123	172,119	1,399
Missouri	172	200,424	1,165	140	184,675	1,319
North Dakota	24	19,253	802	32	31,056	971
South Dakota	4	5,810	1,453	8	12,736	1,592
Nebraska	15	18,896	1,260	11	12,113	1,101
Kansas	48	45,925	957	46	42,067	915
WEST NORTH CENTRAL	918	1,158,904	1,262	908	1,157,024	1,274
Delaware	---	---	---	---	---	---
Maryland	12	10,016	835	5	10,999	2,200
Virginia	210	154,483	736	230	179,190	779
West Virginia	16	11,683	730	12	8,118	677
North Carolina	77	135,002	1,753	91	181,711	1,997
South Carolina	32	36,209	1,132	35	45,363	1,296
Georgia	17	23,524	1,384	26	40,061	1,541
Florida	7	15,945	2,278	5	12,248	2,450
SOUTH ATLANTIC	371	386,862	1,043	404	477,690	1,182
Kentucky	17	28,143	1,655	10	22,747	2,275
Tennessee	---	---	---	---	---	---
Alabama	5	5,062	1,012	6	6,454	1,076
Mississippi	2	2,069	1,035	---	---	---
Arkansas	39	37,662	966	24	26,654	1,111
Louisiana	---	---	---	---	---	---
Oklahoma	27	44,128	1,634	27	46,533	1,723
Texas	124	229,394	1,850	105	233,575	2,225
SOUTH CENTRAL	214	346,458	1,619	172	335,963	1,953
Montana	---	---	---	---	---	---
Idaho	2	5,340	2,670	---	---	---
Wyoming	---	---	---	---	---	---
Colorado	2	8,985	4,493	2	9,620	4,810
New Mexico	---	---	---	---	---	---
Arizona	4	9,559	2,390	4	9,200	2,300
Utah	19	35,643	1,876	27	45,330	1,679
Washington	9	15,213	1,690	6	9,322	1,554
Oregon	123	259,034	2,106	97	220,337	2,272
California	174	1,025,098	5,891	144	915,099	6,355
WESTERN	333	1,358,872	4,081	280	1,208,908	4,318
UNITED STATES	2,223	3,834,242	1,725	2,135	3,746,095	1,755

Table 3 - Summary of Hatchery Participation in the National Turkey Improvement Plan,
1958-59 to 1963-64, inclusive

		1958-59	1959-60	1960-61	1961-62	1962-63	1963-64
Number Hatcheries		548	469	455	440	400	349
Hatching Egg Capacity		51,113,620	44,659,725	48,244,035	53,405,658	53,542,963	51,596,695
Percent Increase	No.	-4.03	-14.4	-3.0	-3.3	-9.1	-12.8
or Decrease	Cap.	+6.14	-12.6	+8.0	+10.7	+3	-3.6
Avg. Cap. per Hatchery		93,273	95,223	106,031	121,376	133,857	147,842
A. M. S. Hatchery	No.	682		621		551	
Estimate	Cap.	45,544,000		49,730,000		54,237,000	
Percent of A. M. S.	No.	80.4		73.3		72.5	
Estimate Participating	Cap.	89.1		97.0		98.7	
U. S. Approved	No.	465	399	380	384	365	303
and	Cap.	45,937,019	40,202,328	42,394,473	48,874,428	51,144,428	45,661,371
Certified 1/	Per.	89.9	90.0	87.9	91.5	95.5	88.5
Pullorum Classes	No.	83	70	75	56	35	46
only (no breeding	Cap.	5,176,601	4,457,397	5,849,562	4,531,230	2,401,535	5,935,324
stage) 2/	Per.	10.1	10.0	12.1	8.5	4.5	11.5
U. S.	No.	7	3				
Pullorum-Typhoid	Cap.	195,000	80,000				
Passed 3/	Per.	.4	.2				
U. S.	No.	541	466	455	440	400	349
Pullorum-Typhoid	Cap.	50,918,620	44,579,725	48,244,035	53,405,658	53,542,963	51,596,695
Clean 4/	Per.	99.6	99.8	100.0	100.0	100.0	100.0

1/ Produced U. S. Approved and/or U. S. Certified poult.

3/ Produced U. S. Pullorum-Typhoid Passed poult.

2/ Produced no U. S. Approved or U. S. Certified poult.

4/ Produced U. S. Pullorum-Typhoid Clean poult.

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Table 4 - Summary of Flock Participation in the National Turkey Improvement Plan,
1958-59 to 1963-64, inclusive

		1958-59	1959-60	1960-61	1961-62	1962-63	1963-64
Number Flocks		3,090	2,483	2,880	2,342	2,223	2,135
Number Birds		3,780,384	3,243,509	4,500,090	3,977,184	3,834,242	3,746,095
Percent Increase	Flocks	-1.40	-19.7	+16.0	-18.7	-5.1	-3.9
or Decrease	Birds	+12.14	-14.2	+38.7	-11.6	-3.6	-2.3
Avg. No. Birds per Flock		1,223	1,306	1,563	1,698	1,725	1,755
U. S.	Flocks	3,002	2,398	2,808	2,283	2,175	2,096
Approved	Birds	3,663,911	3,094,584	4,356,457	3,873,665	3,741,905	3,619,832
	Per.	96.9	95.4	96.8	97.4	97.6	96.6
U. S.	Flocks	6	3	3	3		
Certified	Birds	15,301	11,060	16,187	2,117		
	Per.	.4	.3	.4	.1		
Pullorum Classes	Flocks	83	82	69	56	48	39
only (no breeding	Birds	101,172	137,865	127,446	101,402	92,337	126,263
stage)	Per.	2.7	4.3	2.8	2.5	2.4	3.4
U. S.	Flocks	3,091	2,483	2,880	2,342	2,223	2,135
Pullorum-Typhoid	Birds	3,780,384	3,243,509	4,500,090	3,977,184	3,834,242	3,746,095
Clean	Per.	100.0	100.0	100.0	100.0	100.0	100.0
FIRST	No. Flocks	3,169	2,614	2,953	2,441	2,297	2,175
TEST	No. Birds	3,940,033	3,510,154	4,618,239	4,031,834	3,879,861	3,779,537
	No. Reactors	437	243	132	340	135	178
	Percent Reactors	.01	.007	.003	.008	.003	.005

Information in this report was compiled by the Animal Husbandry Research Division,
Agricultural Research Service.